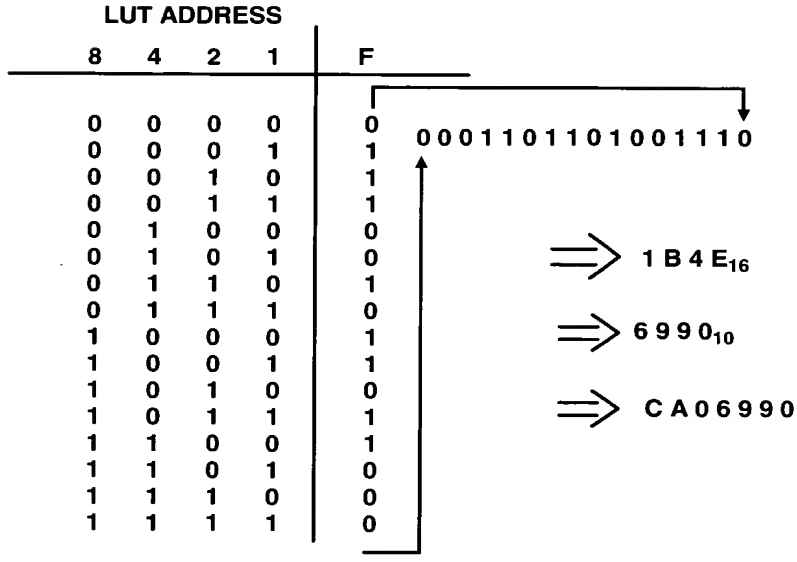

FIG 1A

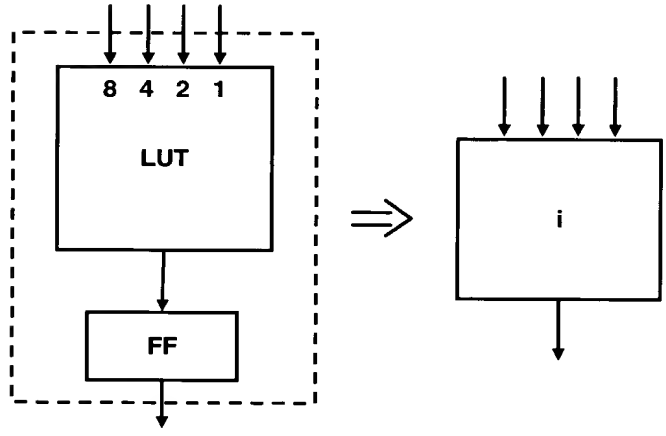

FIG 1B

0007095 - 1044044

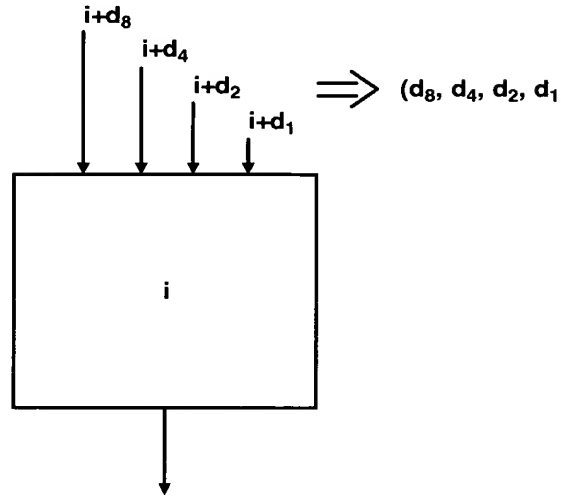

FIG 1C

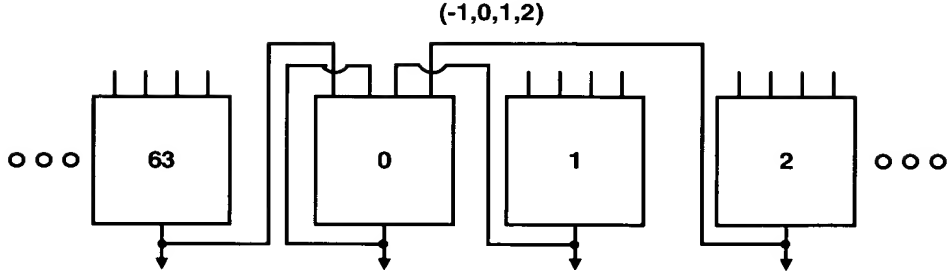

FIG 1D

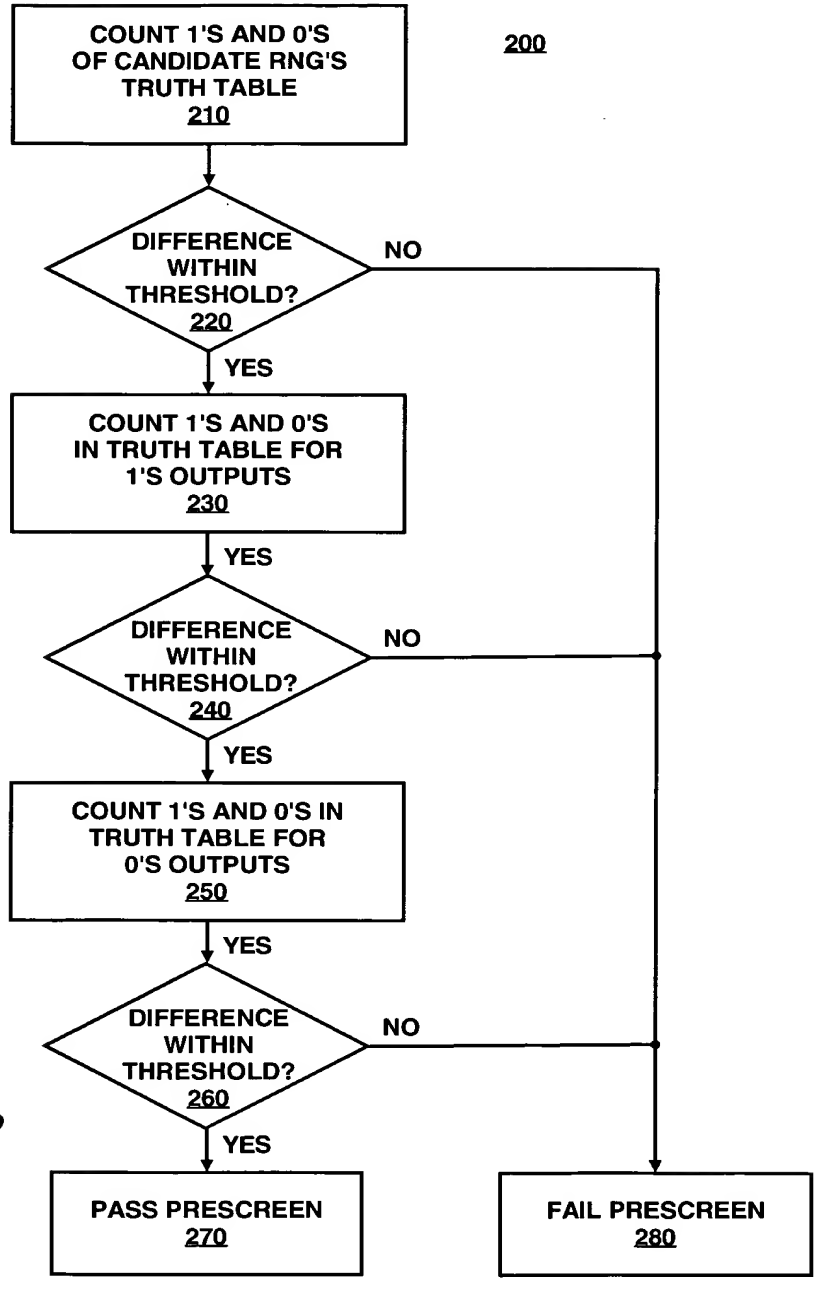
COUNT 1'S AND 0'S OF CANDIDATE RNG'S TRUTH TABLE 210
200
DIFFERENCE WITHIN THRESHOLD? 220
NO
YES
COUNT 1'S AND 0'S IN TRUTH TABLE FOR 1'S OUTPUTS 230
YES
DIFFERENCE WITHIN THRESHOLD? 240
NO
YES
COUNT 1'S AND 0'S IN TRUTH TABLE FOR 0'S OUTPUTS 250
YES
DIFFERENCE WITHIN THRESHOLD? 260
NO
YES
PASS PRESCREEN 270
FAIL PRESCREEN 280

FIG 2

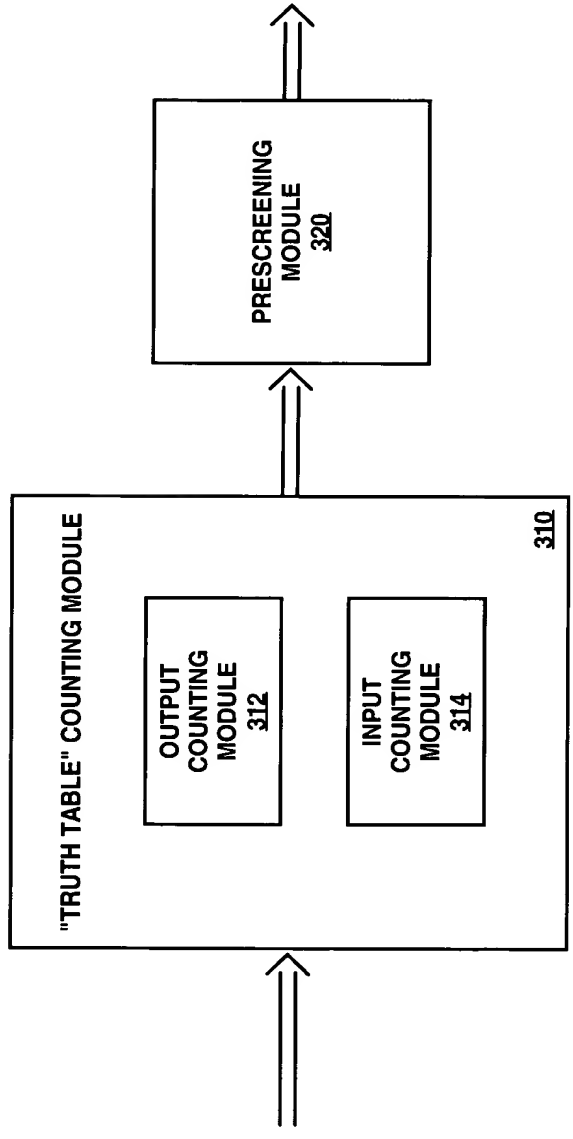
300
"TRUTH TABLE" COUNTING MODULE
310
OUTPUT COUNTING MODULE 312
INPUT COUNTING MODULE 314
PRESCREENING MODULE 320

FIG 3